

## Marine Life Protection Act Initiative



### Bioregions in the MLPA North Coast Study Region

Presentation to the MLPA Master Plan Science Advisory Team

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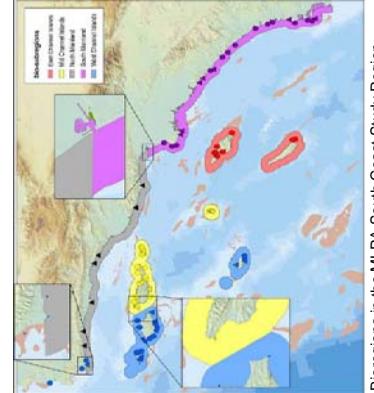
## How Bioregions are Used

- The MLPA Master Plan Science Advisory Team (SAT) encourages MPA proposals with habitat replicates in each bioregion
- SAT evaluations are conducted on each bioregion, providing more information than the study region-wide analyses
- Bioregions could play a role in MPA monitoring programs.

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## Bioregions in the Study Region



Bioregions in the MLPA South Coast Study Region

## Bioregions Defined

- Bioregions are areas within the study region that exhibit differences in community structure or experience reduced population connectivity

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## Bioregion Boundary Location

The figure consists of two parts. The top part is a map of the Oregon coast from approximately 42°N to 45°N latitude. It shows the coastline with a red line indicating the Northern Bioregion and a green line indicating the Southern Bioregion. The map includes labels for Cape Arago, Yaquina Head, Tillamook Rock Lighthouse, Cape Meares, Cape Kiwanda, Cape Lookout, Cape Arago, and Coquille River. The bottom part is a satellite photograph of the Mattole River mouth area. The river flows into the Pacific Ocean between Punta Gorda and C. Mendocino. A white line on the water marks the river's mouth.

- Mattole River Mouth
  - Divides two major reef systems
  - Supported by local knowledge